

Amendments to the Specification:

Please replace the paragraph starting at line 18 on page 6 and ending at line 29 of page 6 in the current specification

AI Fig. 5 shows a focused anti-scatter grid in which the distance between the wire elements 10 differ. X-rays are emitted with a focus by the X-ray source 2 and travel at an angle as a fan beam away from said focus. In order to achieve effective filtering or an as good as possible primary radiation transparency, the anti-scatter grid is focused. The distance D_{Y1} between the wire elements of the upper layer, being oriented in the Y direction, is the smallest. In the next layer, arranged therebelow, the distance D_{Y2} between the wire elements is slightly larger. The distance D_{Y3} between the wire elements in the lower layer is the largest. The radiation source 2 emits the X-rays 11 which are incident on the anti-scatter grid. The scattered radiation components are absorbed therein. The X-ray components, containing information that has not been falsified, can reach the relevant detector element without obstruction. The relevant detector element is then formed by the scintillator element 12 and the photosensor 13 arranged therebelow.